



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

NOTICE OF DRAWING INCONSISTENCY WITH SPECIFICATION

The drawings filed 09-20-2004 have been received. However, an inconsistency exists between the drawings and the Brief Description of the Drawings in the specification.

Figures are listed in the Brief Description of the Drawings in the specification but not contained in the Drawings.

Figure 7E is contained in the Drawings but not listed in the Brief Description of the Drawings in the specification.

Applicant is required to correct the above-noted inconsistency within a time period of **ONE MONTH or THIRTY (30) DAYS, whichever is longer**, from the mailing date of this Notice, or within the time remaining in the time period set forth in the Notice of Allowability (Form PTO-37) to file corrected drawings, whichever is longer. **NO EXTENSION OF THIS TIME PERIOD MAY BE GRANTED UNDER EITHER 37 CFR 1.136 (a) OR (b)**

Failure to correct the above noted inconsistency will result in **abandonment** of the application.

The file will be held in the Publishing Division to await the correction of the inconsistency.

Return Corrected Drawings/Specification to:

Mail Stop Issue Fee

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Office of Patent Publication/Publishing Division
Customer Service: 703-308-6789

1-888-786-0101

mailed 11/9/04
RCV'd. 11/16/04

FORM PTO-1631 (REV. 10-03)



FIGS. 5A and 5B illustrate sequences of video frames depicting a *pick up* and *put down* event respectively, wherein the results of performing segmentation, tracking, and model reconstruction have been overlayed on the video frames;

FIGS. 6A and 6B illustrate the output of the event-classification
5 methods of the present invention applied to the model sequences from FIGS. 5A and
5B, respectively;

FIGS. 7A, 7B, 7C, 7D, and 7E illustrate sequences of video frames
depicting *stack*, *unstack*, *move*, *assemble* and *disassemble* events, wherein the results
of performing segmentation, tracking, and model reconstruction have been overlayed
10 on the video frames;

FIGS. 8A, 8B, 8C, 8D, and 8E illustrate the output of the event-
classification methods of the present invention applied to the model sequences from
FIGS. 7A, 7B, 7C, 7D, and 7E, respectively;

FIGS. 9A, 9B, 9C, and 9D illustrate sequences of video frames
15 depicting: a *pick up* event from the left instead of from the right; a *pick up* event with
extraneous objects in the field of view; a sequence of a *pick up* event followed by a *put*
down event followed by another *pick up* event followed by another *put down* event;
and two simultaneous *pick up* events, respectively, wherein the results of performing
segmentation, tracking, and model reconstruction have been overlayed on the video
20 frames;

FIGS. 10A, 10B, 10C, and 10D illustrate the output of the event-
classification methods of the present invention applied to the model sequences from
FIGS. 9A, 9B, 9C, and 9D, respectively;

FIGS. 11A and 11B illustrate sequences of video frames depicting non-
25 events, wherein the results of performing segmentation, tracking, and model
reconstruction have been overlayed on the video frames; and